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### NOTICE OF ALLOWANCE AND FEE(S) DUE

000110

05/06/2004

DANN, DORFMAN, HERRELL & SKILLMAN 1601 MARKET STREET **SUITE 2400** PHILADELPHIA, PA 19103-2307

EXAMINER KALLIS, RUSSELL

PAPER NUMBER

ART UNIT DATE MAILED: 05/06/2004

1638

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/763,005	04/20/2001	Edward G. Kirby	PLIT 08 0046	1222

TITLE OF INVENTION: TRANSGENIC POPLAR TREES COMPRISING GLUTAMINE SYNTHETASE FROM PINE HAVING IMPROVED NITROGEN METABOLISM AND METHODS OF MAKING AND USING THE SAME

APPLN. TYPE	SMALL ENTITY ISSUE FEE		PUBLICATION FEE	TOTAL FEE(S) DUE	- DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	08/06/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

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A. If the status is the same, pay the TOTAL FEE(S) DUE shown

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

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B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

# PART B - FEE(S) TRANSMITTAL

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appropriate. All further co- indicated unless corrected maintenance fee notification	orm should be used for transcression transcression or directed otherwise institutions.	Patent, advance of in Block 1, by (a	rders and not a) specifying	ification a new co	ATION FEE (if requience of maintenance fees vorrespondence address)	ired). Blocks 1 through 4 vill be mailed to the currer; and/or (b) indicating a sep	should be completed when t correspondence address a parate "FEE ADDRESS" for	
CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)  000110 7590 05/06/2004					Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, mulave its own certificate of mailing or transmission.			
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							(Depositor's name	
							(Signature	
							(Date	
APPLICATION NO.	FILING DATE		FIRST NAMEI	D INVEN	TOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/763,005	04/20/2001		Edward	G. Kirby		RUT.98-0046	1373	
TITLE OF INVENTION: METABOLISM AND MET	TRANSGENIC POPLAI HODS OF MAKING AND	R TREES COMI USING THE SAM	PRISING GI IE	LUTAMI	NE SYNTHETASE	FROM PINE HAVING	IMPROVED NITROGE	
APPLN. TYPE	SMALL ENTITY	ISSUE FI	EE	PU	BLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1330	)		\$0	\$1330	08/06/2004	
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Address form PTO/SB/12  "Fee Address" indicative PTO/SB/47; Rev 03-02 of Number is required.  3. ASSIGNEE NAME AND	on (or "Fee Address" Indicator more recent) attached. Use RESIDENCE DATA TO B an assignee is identified beld to the USPTO or is being s	ion form of a Customer E PRINTED ON T ow, no assignee da ubmitted under ser	agents OR firm (havingent) and attorneys of will be printed. THE PATENT at a will appearate cover.	R, alterna ng as a if the nan or agents nted.  (print or ar on the Completion		of a single attorney or 2 red patent, no name 3	ate when an assignment has ignment.	
Please check the appropriate  a. The following fee(s) are  Issue Fee  Publication Fee  Advance Order - # of G		4b.	Payment of I A check in Payment b	Fee(s): the amony credit of	unt of the fee(s) is encl ard. Form PTO-2038	is attached.		
			Deposit Acco	ount Num	ber	arge the required fee(s), or (enclose an extra c	opy of this form).	
Director for Patents is reques	sted to apply the Issue Fee an	d Publication Fee	(if any) or to 1	re-apply	any previously paid iss	sue fee to the application ide	ntified above.	
Authorized Signature)		(Date)			-i			
other than the applicant; a interest as shown by the rec This collection of informat obtain or retain a benefit happlication. Confidentiality estimated to take 12 minute completed application for case. Any comments on suggestions for reducing the Patent and Trademark C 22313-1450. DO NOT SI SEND TO: Commissioner 1	Publication Fee (if require a registered attorney or age cords of the United States Partition is required by 37 CFR by the public which is to fill is governed by 35 U.S.C. It is to complete, including gain to the USPTO. Time will the amount of time you rois burden, should be sent to ffice, U.S. Department of END FEES OR COMPLET for Patents, Alexandria, Virguation Act of 1995, no puttors of the conduction	nt; or the assigne- tent and Trademark  1.311. The informe ( and by the USI 22 and 37 CFR 1.1- thering, preparing, vary depending to othe Chief Inform f Commerce, Al TED FORMS TO inia 22313-1450.	c or other pact of the confice.  This collect and submitting the indicet this form a cation Officer exandria, Vi THIS ADDITED	ired to ess) an tion is ng the vidual and/or U.S. trginia RESS.				
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## Determination of Patent Term Extension under 35 U.S.C. 154 (b)

(application filed after June 7, 1995 but prior to May 29, 2000)

The Patent Term Extension is 0 day(s). Any patent to issue from the above-identified application will include an indication of the 0 day extension on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.